



DEPARTMENT OF LABORATORY SERVICES

Patient Name	Mr. SANJAY KUMAR	Lab No/ManualNo	5005294/
UHIDNo/IPNO	300390995	CollectionDate	10/12/2022 12:25PM
Age/Gender	47 Years/Male	Receiving Date	10/12/2022 12:26PM
Bed No/Ward	OPD	Report Date	10/12/2022 5:07PM
Referred By	Dr. Casualty Medical Officer	Report Status	Final

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

Protein Total	7.3	g/dL	6.4 - 8.2	Biuret Method	Serum
Albumin	4.8	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.5	g/dL	2.2 - 3.5		
A/G Ratio	1.92	Ratio	1.50 - 2.50	Ratio	
Creatinine	0.74	mg/dL	0.70 - 1.20	Jaffe Kinetic Compensated	Serum
Uric Acid	4.8	mg/dL	3.4 - 7.0	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	H 167.7	mg/dL	70 - 100	Hexokinase	Serum
Post prandial Glucose	H 254.2	mg/dL	70 - 140	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G.				

LIVER FUNCTION TEST (LFT) SERUM

SGPT(ALT)	H 66.5	U/L	0 - 41	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	H 45.90	U/L	0.00 - 40.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	104.1	U/L	38.0 - 126.0	PNP-Standardize	
Bilirubin Total	0.6	mg/dL	0.0 - 1.1	Diazo Method	
Bilirubin Direct	0.2	mg/dL	0.0 - 0.3	Diazo Method	
Bilirubin Indirect	0.40	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.3	g/dL	6.4 - 8.2	Biuret Method	
Albumin	4.8	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	2.5	g/dL	2.2 - 3.5		
A/G Ratio	1.92	Ratio	1.50 - 2.50	Ratio	

EDTA Blood



Dr. Kazumi Gondalia
M.D (Path)



JCI (USA)



OUR ACCREDITATIONS

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HbA1c (Glyco Hb)	10.31	%	4.8 % - 5.9 % Normal 5.9 % - 7.0 % Good diabetic Control 7.0 % - 10.00 % Fair Diabetic Control >10.0 % Poor diabetic Control	Immunoturbidimetric
Mean Plasma Glucose	H 289.7	mg/dL	80 - 140	Serum
Blood Urea	22.4	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH
BUN*	10.47	mg/dL	6 - 20	Ureas with UV
(*) Not in NABL Scope		**End Of Report**		

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Biochemistry

ArcoFemi Healthcare Ltd Above 40 Male

LIPID PROFILE (WITH DIRECT LDL)

Serum

Sample Type	Fasting				
Cholesterol Total	189.4	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirable 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)	
Triglycerides	281.1	mg/dL	Less than 150 mg/dL 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	Enzymatic colorimetric	
Cholesterol HDL	34.4	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	122.5	mg/dL	Less than 80 mg/dL Excellent Less than 100 mg/dL Optimal 100-129 mg/dL Near or above optimal 130-159 mg/dL Borderline High 160-189 mg/dL High 190 mg/dL & above Very High	Homogenous Enzymatic	
Cholesterol VLDL	H 56.22	mg/dL	< 30		
LDL/HDL RATIO	H 3.56		< 4	Calculated	
Cholesterol Total / HDL Ratio	H 5.51		< 5	Calculated	

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Bed No/Ward	OPD	Report Date	10/12/2022 12:24PM
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Clinical Pathology

ArcoFemi Healthcare Ltd Above 40 Male

URINE ROUTINE EXAMINATION

URINE

Physical Examination:

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Clear			Visual method	
Reaction	6.0		4.5 - 8.0	Reflectance photometer	
Sp. Gravity	1.020		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

Chemical Examination:

U.Albumin	Present(++)			Reflectance photometer/Manual	
U.Glucose	Present(++++)				
U.Acetone	Present(+)				
BS/BP	Absent				

Microscopic Examination

Pus Cell	Occasional		/H.P.F.	Microscopy	
Red Blood Cell	Occasional		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				

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Haematology

ArcoFemi Healthcare Ltd Above 40 Male

CBC WITH ESR

Citrate Whole Blood, EDTA Blood

Haemoglobin	14.3	g/dL	13.5 - 18.0	SLS Method	
Hematocrit/PCV	46.1	%	42.0 - 52.0	H.focusing Method	
RBC COUNT	5.61	mill/Cmm	4.70 - 6.00	H.focusing impedance	
MCV	L 82.2	fl	83.0 - 101.0	Calculated	
MCH	L 25.5	pg	27.0 - 31.0	Calculated	
MCHC	L 31.0	g/dL	32.0 - 36.0	Calculated	
RDW-CV	H 15.0	%	11.5 - 14.0	Calculated	
Platelet count	181000	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	---	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	6390	/cumm	4000 - 10500	Flow Cytometry	
Differential Leucocyte Count				Flowcytometry/Microscopic	
Neutrophils	66	%	40.0 - 70.0		
Lymphocytes	27	%	22 - 45		
Eosinophils	02	%	1.0 - 4.0		
Monocytes	05	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Absolute Leucocyte Count					
Absolute Neutrophil Count*	4217.4	/cumm	1800 - 7700		
Absolute Lymphocyte count*	1725.3	/cumm	1000 - 4800		
Absolute Eosinophil Count*	127.8	/cumm	40 - 450		
Absolute Monocyte Count*	319.5	/cumm	0 - 800		
Peripheral Smear Study	RBCs shows Anisocytosis(+), Hypochromia(+). Platelets are adequate in number. Malarial Parasites are not seen. No Premature cells are seen.				
Erythrocyte Sedimentation Rate (ESR)	H 12	mm/hr	0 - 10	Modified westergren Method	

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Biochemistry/Immunology					
ArcoFemi Healthcare Ltd Above 40 Male					
Prostate Specific Antigen	1.04	ng/mL	0.00 - 4.00	ECLIA	Serum
TOTAL T3*	1.16	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.30	ug/dl	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	H 5.690	mIU/mL	0.270 - 4.200	ECLIA.	
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Immuno-Haematology

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BLOOD GROUPING

EDTA Blood

ABO Group

"A"

Tube Agglutination Method

Rh Type

Positive

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